

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 1, lines 5-11 with the following amended paragraph:

The invention relates to a method for determining the actual position of a geodetic instrument ~~according to claim 1~~, a device for carrying out this method ~~according to the precharacterizing clause of claim 14~~, a geodetic instrument ~~comprising such a device according to claim 19~~ and a computer program product ~~according to claim 20~~.

Please replace the paragraph at page 6, lines 1-3 with the following amended paragraph:

These objects are achieved, according to the invention, by features of the claims 1, 14 and 19, respectively or by features of the subclaims. For example, a method for determining an actual position of a geodetic instrument comprising a positioning system which is based on the reception of shadowable signals and a dead range within which the propagation of the signal is impaired in such a way that a direct determination of the actual position by means of the positioning system is at least limited comprising the following acts: recording of a first piece of image information from a first known position determined by means of the positioning system, the first piece of image information having at least two identifiable reference structures which can be detected at least from a partial region of the dead range and measurement of at least one first distance from the first known position, the first distance being coordinated indirectly or directly with the reference structures; recording of a second piece of image information from a second known position determined by means of the positioning system, the second piece of image information having at least the two identifiable reference structures and measurement of at least one second distance from the second known position, the second distance being coordinated indirectly or directly with the reference structures; recording of a piece of actual image information from an actual position, the actual image information having at least the two identifiable

reference structures and measurement of at least one actual distance from the actual position, the actual distance being coordinated indirectly or directly with the reference structures; and derivation of the actual position by referencing relative to the at least two reference structures.

Please insert the following heading at page 1, line 12:

BACKGROUND

Please insert the following heading at page 5, line 10:

SUMMARY

Please insert the following heading at page 13, line 19:

BRIEF DESCRIPTION OF THE DRAWINGS

Please insert the following heading at page 15, line 8:

DETAILED DESCRIPTION

Please add the following at page 24, line 3:

I claim: